

(19)



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: **2000340106 A**

(43) Date of publication of application: **08.12.00**

(51) Int. Cl.

H01J 9/02

H01J 11/02

(21) Application number: **11259318**

(22) Date of filing: **13.09.99**

(30) Priority: **25.03.99 JP 11082003**

(71) Applicant: **MINNESOTA MINING & MFG
CO <3M>**

(72) Inventor: **YOKOYAMA SHUJI
SUGIMOTO TAKANORI
HIDA AKIRA**

(54) **MANUFACTURE OF SUBSTRATE FOR PLASMA
DISPLAY PANEL AND FORMING DIE USED
THEREFOR**

(57) Abstract:

PROBLEM TO BE SOLVED: To provide a manufacturing method of a substrate for a PDP and a forming die therefor, allowing the forming die to be repeatedly used while preventing a base body and ribs from being damaged, and further to provide a manufacturing method of the substrate for a PDP dispensing with a removal process of a rib molding or precursor in peripheral parts of the base body.

SOLUTION: This manufacturing method for a plasma display panel substrate installs ribs on a

base body. A rib precursor, including a first photo-curing initiator with a first absorption edge and a first photo-curing constituent, is stuck fast to the base body, and a second photo-curing constituent is photo-cured in the existence of a second photo-curing initiator with a second adsorption edge of a wavelength shorter than the wavelength corresponding to the first absorption edge of the first photo-curing initiator. A forming die so obtained is filled with the rib precursor, the rib precursor is cured by being irradiated with light of a wavelength shorter than the wavelength corresponding to the second absorption edge, and the forming die is removed.

COPYRIGHT: (C)2000,JPO